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For Sale:	Exclusive Offer: New 265 MW Siemens Gas Turbine Generator SGT5-4000F
Ref.-No:	GT-441

Brief plant history:

This gas turbine generator plant was delivered in 2011 for a project in Europe which did not materialize. It was never installed (zero-hour fired) and is currently preserved/stored as per OEM instructions. The plant is professionally packed and ready for sea shipment within 1 week from order. OEM warranty can be re-validated at extra cost. Full service support will be available.

Technical Information related to the Siemens Gas Turbine and Generator package

Gross ISO Power Output	265	MW
Gross Heat Rate	9222	KJ/KWh
Exhaust temperature	575	°C
Exhaust mass flow	661	Kg/s
Pressure ratio	18.2	
Fuel	Natural Gas	
GT Generator rated power	328	MVA
GT Generator voltage level	20	KV
Grid frequency	50	Hz
Manufacturer	Siemens AG	
Year of manufacture	2010	

Scope of Delivery:

One (1) Complete GTG Package Siemens SGT5-4000F with its auxiliaries:

Gas Turbine Systems

- Gas fuel package
- Lubrication oil system with lube oil tank
- Hydraulic clearance optimization (HCO) package
- Hydraulic oil package for control system
- Gas turbine specific equipment:
 - Fuel gas flow metering for performance test only
 - Advance compressor cleaning system (ACCS)

- Set of tools for initial assembly and inspection
- Set of major inspection tools and a set of standard tools
- Air intake system
- Exhaust gas system
- Noise enclosure
- Ventilation system for gas turbine enclosure
- CO2 Firefighting system
- Siemens Control system

Fuel Supply System

- 2 Dust-liquid separator
- Consumption metering system
- Two efficiency heater U-Tube bundle with trapped tube plate, carbon steel 10" (DN250) ANSI
- Dust-liquid separator
- Condensate tank horizontal with two saddles 2,000l, double wall
- Final filter vertical, single stage, cellulose cartridge
- 5 shut-off valve, pneumatic actuated, ball valve, flanged 10" (DN250) ANSI 300
- Pneumatic actuator single action, spring return 10" (DN250) ANSI 300 without control unit, without reducing unit, without venting unit, without solenoid valves, etc.

Low Voltage Switchgear

- AC switchgear
- DC switchgear
- Battery
- Battery Charger
- DC-DC Converter
- Inverter

Air Cooled Generator Type SGen5-1000A

- Rating: 328 MVA
- Voltage: 20 KV
- Frequency: 50 Hz.
- SCR: 0.50
- Speed: 3000 rpm.
- Power Factor: 0.85
- Coolant: TEWAC

Price & detailed information: on request



Important Disclaimer

Although the statements and technical information contained herein are believed to be materially accurate as of the date hereof, no representation or warranty is given as to the accuracy of any of the information provided.

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